

**LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT CONTRACT CHANGE ORDER**
Page 1 of 2

To:
EOP Architecture
201 West Short Street, Suite 700
Lexington, KY 40507






Date:	April 21, 2015
Project:	Senior Citizen Center Design
Location:	Lexington
Contract No.	271-2014
Original Contract Amt.	\$763,520.00
Cumulative Amount of Previous Change Orders	\$21,835.00
Percent Change - Previous Change Orders	2.86%
Total Contract Amount Prior to this Change Order	\$785,355.00
Change Order No.	4

You are hereby requested to comply with the following changes from the contract plans and specification:

Current Change Order

Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price
1	Limited subsurface exploration and recommendations for pavement design & construction (NTE price)		\$4,600.00
		\$0.00	
	Total decrease		
	Total increase		\$4,600.00
	Net Amount of this Change Order	\$4,600.00	
	New Contract Amount Including this Change Order	\$789,955.00	
	Percent Change - This Change Order		0.58%
	Percent Change - All Change Orders		3.46%

The time provided for the completion in the contract and all provisions of the contract will apply hereto.

Recommended by		(Proj. Manager)	Date 4/21/2015
Accepted by		(Contractor)	Date 4/22/15
Approved by		(Director)	Date 4-22-15
Approved by		(Commissioner)	Date
Approved by		(Mayor or CAO)	Date



April 21, 2015

Joyce Thomas
Administrative Officer Senior
Lexington Fayette Urban County Government
Department of General Services
Office of the Commissioner
200 East Main Street
Lexington, KY 40507

RE: LFUCG Senior Center: Additional Services for Geotechnical Exploration & Analysis

Joyce:

Please consider this proposal for additional design services related to the Lexington Senior Center project, in accordance with contract 8-2014. The design work in question will be performed by Cardno ATC, a consultant under contract to EOP Architects. Exploration will be accomplished by hand auger method without the need for borrowed backfill or additional equipment. A detailed proposal of design services by Cardno ATC is enclosed. A summary of fees is as follows:

Limited Subsurface Exploration and Recommendations for Pavement Design and Construction	
Services above not to exceed:	\$4,000.00
Coordination by EOP Architects	
15% of consultant cost	\$600.00
Total for Services and Coordination	\$4,600.00

Please let us know if you have any questions about the attached services or associated fees.

Best regards,

Harding

J Harding Dowell, AIA
Project Architect
EOP Architects



April 1, 2015

Mr. Harding Dowell
EOP Architects
201 W. Short Street
Lexington, KY 40507

On behalf of:

Lexington Fayette Urban County Government
200 E. Main Street
Lexington, KY 40507

Cardno ATC

11001 Bluegrass Parkway
Suite 250
Louisville, KY 40299

Phone +1 502 722 1401
Fax +1 502 267 4072
www.cardno.com

www.cardnoatc.com

Subject: **Proposal for Limited Subsurface Exploration and Recommendations for Pavement Design and Construction Lexington Senior Center – Idle Hour Park Lexington, Fayette County, Kentucky Cardno Proposal 020146418**

Mr. Dowell:

Cardno appreciates the opportunity to offer this proposal for limited subsurface exploration and recommendations for pavement design and construction services in support of the referenced project. This proposal includes a summary of project information provided to us, a description of our proposed scope and our schedule.

Project Information

Information was provided by Harding Dowell in an email transmission on March 27, 2015. During installation of utilities within the proposed parking area, encountered soils were summarized by the site superintendent to be *"dark to mid gray mostly organic silt material with extreme organic smell...the material appears to be approx. 3'-4' from subgrade."* The location of the encountered materials was provided by the contractor to be within the storm sewer line between yard inlet Y-18 and curb inlet C-13 which appears to be well outside of any boring advanced by Cardno during the multiple geotechnical explorations performed at the site. The encountered conditions have alerted the design team to require additional discussion. Cardno was requested by EOP Architects to provide a proposal for additional exploration in an attempt to delineate the depth and areal extent of any unsuitable materials and to provide pavement design and construction recommendations as required based on encountered conditions.

Proposed Exploration

The proposed exploration is based on your proposed request, our experience with site subsurface conditions, and construction-phase observations made by site representatives from the excavating contractor, the general contractor, and the construction materials testing and special inspections agent during construction. The exploration will be directed and supervised by a licensed professional engineer specializing in geotechnical engineering.

The engineer will walk proposed pavement areas in an attempt to identify conditions which could influence site preparation techniques and/or pavement design. The engineer will also review available information pertinent to site and conditions encountered during construction.

Depending on surface conditions, a proofroll of the pavement subgrade may be performed. Subsurface exploration will begin following the initial evaluation. Cardno proposes to advance a combination of test pit excavations and hand-auger borings within proposed pavement areas in an attempt to delineate the depth and areal extent of any unsuitable subgrade materials. All excavations and borings will be backfilled with excavated materials. The site contractor is expected to perform test pit excavations as directed by the engineer.

Test pit and boring positions will be located in the field by measuring from existing site features, and ground surface elevations at the boring sites will be determined using conventional differential leveling techniques. All measurements (vertical and horizontal) will be made relative to existing site features. Elevations will be referenced to construction grades.

A letter describing the exploration and analyses and providing our findings and recommendations will be prepared after reviewing project information provided to us and analyzing collected subsurface information. The letter will include the following:

- A brief review of our test procedures and the results of all testing conducted,
- A review of subsurface soil stratigraphy with pertinent available physical properties,
- A general evaluation of the explored areas,
- A review of the proposed pavement design section and design recommendations or revisions if required,
- Measures to mitigate any soft, unsuitable soils,
- Test pit / boring location plan,
- Test pit / boring Logs,
- Subsurface investigation procedures.

Neither assessment of site environmental conditions nor efforts to detect the presence of contaminants in the soil, rock, surface water or ground water of the site are included in the scope of this exploration.

Compensation

Based upon our understanding of the project requirements, we propose to service the project on a time and materials basis for a not to exceed budget amount of **\$4,000.00**. Our proposal is based, in part, upon the following conditions:

- Field and laboratory testing records pertaining to soil conditions encountered throughout site preparation and construction will be provided to Cardno for review.
- Labor and expense costs associated with excavation of test pits are not accounted for in our budget estimate. These services are expected to be provided by the on-site contractor.
- The test pit and/or boring locations will have been cleared for underground utilities by others prior to mobilization of our field personnel and equipment. Cardno we will not be liable for damage to utility lines serving any existing sources within the property interior.
- The test pits and/or borings will be backfilled with the auger cuttings upon their completion.

If conditions are encountered which warrant expanding the project scope, we will revise our lump sum fee and notify your office for your prior approval.

Schedule

Based upon our present schedule, we can begin this project within 5 working days after we receive written authorization. We expect the project to take 1 week to complete after exploration. We can normally provide preliminary verbal recommendations and commence working with the design team as soon as field exploration is completed. Please advise us whether this schedule is unacceptable, and we will evaluate whether it can be compressed.



To retain Cardno to provide these services, please sign a copy of the attached Client Service Agreement and return to us. We will sign and return an executed copy to you. Any exceptions to this proposal or special requirements not covered in the proposal should be indicated on both of the copies you return to us. Please note the Terms and Conditions are part of this proposal.

We appreciate your consideration of Cardno for this work and we look forward to working with you on this and future projects.

Sincerely,

Cardno ATC

A handwritten signature in black ink, appearing to read "Travis J. Andres".

Travis J. Andres, P.E.
Senior Geotechnical Engineer

A handwritten signature in black ink, appearing to read "Terry Hurst".

Terry Hurst
CMT Group Leader

Attachments: Cardno Client Service Agreement; Fee Schedule



11001 Bluegrass Parkway, Suite
Louisville, Kentucky 40299

**Client Services 2014 Fee Schedule
For
LFUCG
Lexington Senior Center - Idle Hour
ATC Proposal No. 020146418**

FEE SCHEDULE

I. Engineering Services

A. Project Manager	Hour	\$ 75.00
B. Project Engineer	Hour	\$ 85.00
C. Principal Engineer, P.E.	Hour	\$ 120.00

II. Laboratory Services

A. Natural Moisture Content	Each	\$ 10.00
B. Atterberg Limits	Each	\$ 55.00

V. Vehicles/Equipment

A. Mileage – Portal to Portal	Per Mile	\$ 0.75
B. Nuclear Density Gage	Per Day	\$ 50.00

V. Remarks

- Overtime rates are applicable for services over 8 hours per day, Saturdays, Sundays and holidays, and will be billed at the hourly rate multiplied by 1.5.
- Secretarial time is applicable for distribution and typed field and laboratory reports.